LTA: 222Ke17

SQUARE MILES: 48.375 NAME: Horicon Marsh ACRES: 30959.764

DESCRIPTION:

The characteristic landform pattern is nearly level marsh with organic deposits. Soils are predominantly very poorly drained muck. Common habitat type is wetland.

CLIMATE

CODE PERCENT 88 0 91 50 92 50

GEOLOGY

BEDROCK TYPE DESCRIPTION

Carbonates

AVERAGE DEPTH TO BEDROCK 5005

BEDROCK DEPTH DESCRIPTION

Bedrock is between 50 feet and 5 feet of the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS **Organic Deposition**

TOPOGRAPHY Nearly Level

SURFACE Swamp

SOIL INFORMATION

SOIL ASSOCIATIONS Houghton-Palms-Pella

SOIL DESCRIPTION

Very poorly drained organic soils along with poorly drained silty soils with a

clay loam surface over calcareous loamy lacustrine.

SURFACE TEXTURES MK-CL

GENERAL TEXTURES **Mucky-Silty**

FAMILY TEXTURES SP-FISI

DRAINAGE CLASSES VPD-PD

PARENT MATERIAL Organic-Lacustrine

KOTAR'S HABITAT

HABITAT 1 HABITAT 2

HABITAT 3 HABITAT 4 **HABITAT 5**

HABITAT 6

*Listed in order of probability occurrence, with each having an occurrence of 10% or

greater

WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	988	3
Bare Land	38	0
Forested Wetland	1701	5
Grassland	595	2
High Intensity Urban Area	0	0
Low Intensity Urban Area	7	0
Nonforested Wetland	20156	65
Open Water	7133	23
Shrubland	8	0
Upland Broad-leaved Deciduous	319	1
Upland Coniferous Forest	8	0

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION CODE PERCENT DEFINITION

Hydrographic

5 Sugar Maple, Basswood, Red Oak, White Oak, Black Oak

0 Oak - Black, White, and Burr Oak 00

Oak Openings - Bur, White, Black Oak

GLS 87 Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

NH/O

OS

PERENNIAL STREAMS OPEN WATER SURFACE DRAINAGE INTERMITTENT MARSH **DEPTH TO STREAMS** ACRES AQUIFER 28 Miles 4 Miles 0'-20' 1766 Acres **26636 Acres** deranged